



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. 44] नई दिल्ली, शनिवार, अक्टूबर 30, 1976 (कार्तिक 8, 1898)  
No. 44] NEW DELHI, SATURDAY, OCTOBER 30, 1976 (KARTIKA 8, 1898)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

### भाग III—खण्ड 2

#### PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 30th October 1976

APPLICATION FOR PATENTS FILED AT THE HEAD  
OFFICE

The dates shown in crescent brackets are the dates claimed  
under Section 135 of the Act.

23rd September, 1976

1754/Cal/76. Council of Scientific and Industrial Research.  
Method and apparatus relating to the production  
of cellular metal.

1755/Cal/76. Westinghouse Air Brake Company. Brake apparatus to provide power cut off and a service brake application upon train separation.

1756/Cal/76. Westinghouse Air Brake Company. Brake control valve device with movable control reservoir charging valve.

1757/Cal/76. Welding Industries of Australia Pty. Ltd. Improved leakage reactance transformer. (September 23, 1975).

24th September 1976

1758/Cal/76. Council of Scientific and Industrial Research.  
A new slow-release herbicide to control parthenium  
hysterophorus linn.

1759/Cal/76. Stork Brabant B.V. Improvements in or relating to calenders. (July 7, 1976).

1760/Cal/76. Alkaloida Vegyeszeti Gyár. Method and apparatus for the contacting mainly of fused solid materials with solid, liquid or gaseous materials.

1761/Cal/76. Satya Prosad Thakur Chakraborty. Theif detection device.

1,307GI/76

1762/Cal/76. V. K. Thillainayagam. Keyboards for typewriting, typesetting, data handling and similar machines. (October 27, 1975).

25th September, 1976

1763/Cal/76. Dana Corporation. Friction clutch assemblies.

1764/Cal/76. Beton-ES Vasbetonipari Muvek. Method and apparatus for producing prefabricated concrete and reinforced concrete elements of great dimensional accuracy.

1765/Cal/76. J. A. Slowbe. Structural joint assembly.

1766/Cal/76. C. Wezel. Equalising rolling mill. (September 9, 1976).

1767/Cal/76. Telefonaktiebolaget L M Ericsson. Arrangement for carrying out random selection among a plurality of selectable devices in a telecommunication system.

1768/Cal/76. Bayer Aktiengesellschaft. Disubstituted phenol ethers of 3-amino-2-hydroxypropane, processes for their preparation and their use as medicaments.

1769/Cal/76. Bayer Aktiengesellschaft. Cyclic acetals of nitriles, their production and their use as colouring anti-ozonants.

1770/Cal/76. Dunlop Limited. Belting. (October 3, 1975).

1771/Cal/76. P. B. Doraiswami. A cooler.

1772/Cal/76. J. S. Walia. Device for use in flat files.

1773/Cal/76. Klein, Schanzlin & Becker A.G. A flexible elastic coupling joint.

27th September, 1976

1774/Cal/76. Sujit Kumar Bhattacharya. Car Lock.

1775/Cal/76. Mrs. Asima Chatterjee, Sudipta Bhattacharya,

(Mrs.)—Julie Banerji and Phakir Chandra Ghosh. A New Route to the synthesis of coumarin. (Addition to No. 1963/Cal/76.)

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1776/Cal/76. Council of Scientific and Industrial Research. Improvements in or relating to the separation of alkaloids from extract obtained from *nux vomica*.

1777/Cal/76. M. P. Srivastava. Sound—Slide," as known in English and "Swar Slide" "स्वर स्लाइड" in Hindi.

1778/Cal/76. Security Patrols Co., Ltd. Fire-Extinguishing system.

1779/Cal/76. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Device for applying paraffin to a thread in an open-end spinning apparatus by means of solid paraffin.

1780/Cal/76. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Method and device for securing a reserve winding on a bobbin.

1781/Cal/76. B A S F Aktiengesellschaft. New nitromidazoles.

1782/Cal/76. Dorr- Oliver Incorporated. Sedimentation tank with rotary yieldable rake arm structure.

1783/Cal/76. Siemens Aktiengesellschaft. Improvements in or relating to equipment for assembling, calibrating and servicing directional radio apparatus on a radio tower. (17th June, 1976.)

1784/Cal/76. Nitto Boseki Co. Ltd. An alloy for a nozzle plate for spinning glass fibers.

#### ALTERATION DATE

140387.

436/Cal/75. Ante-dated to 17th July, 1968.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (Postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F,+F,b & 60X,d. I.C.-C07d 85/00,  
91/00, 93/00, 19/10, 107/00. 140385

#### PROCESS FOR THE PREPARATION OF PHTHALAZINE DERIVATIVES.

Applicant: THE BOOTS COMPANY LIMITED, OF 1 THANE ROAD WEST, NOTTINGHAM NG2 3AA, ENGLAND.

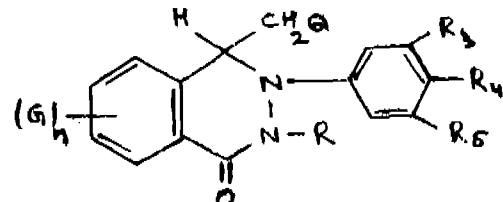
Inventors: NORMAN WILLIAM BRISTOW, PETER EDWARD MACEY, KENNETH JOHN NICHOL AND KALCOLM FREEMAN SJM.

Application No. 2371/Cal/74 filed October 30, 1974.

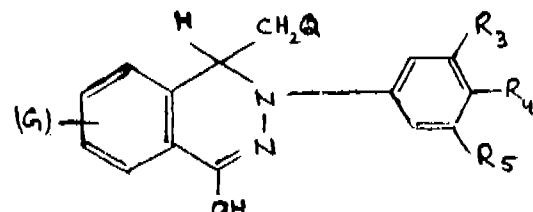
Convention date October 31, 1973/(50623/73) U.K.

#### 25 Claims

A process for preparing compounds of formula I.

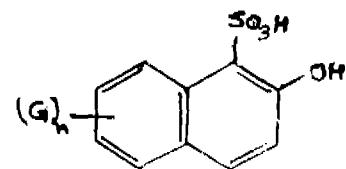


or their enol form of formula Ia.

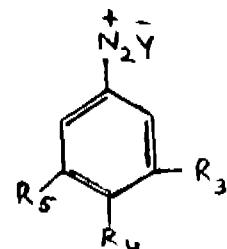


in which Q is COOH or COOR, wherein R<sub>n</sub> is an ester forming group, n is 1 to 4; each G may be the same or different and is selected from fluorine; chlorine; bromine; iodine; amino; substituted amino; nitro; cyano; alkyl; substituted alkyl; alkoxy; substituted alkoxy; alkylthio; alkylsulphonyl; alkylsulphiny; hydroxy and aryl; and R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub> may be the same or different and are selected from hydrogen; fluorine; chlorine; bromine; iodine; nitro; nitroso; cyano; isocyano; amino; substituted amino; alkyl; substituted alkyl; cycloalkyl; substituted cycloalkyl; alkenyl; aryl; cycloalkenyl; alkoxy; substituted alkoxy; alkynylloxy; cycloalkyloxy; cycloalkenylloxy; acyloxy; alkylthio; substituted alkylthio; alkenylthio; cyclo-alkylthio; cycloalkenylthio; arylthio; alkylsulphonyl; alkyl-sulphiny; acyl; substituted acyl; aroyl; heteroaroyl; hydroxy; mercapto; carbamoyl; thiocarbamoyl; sulphamoyl; substituted sulphamoyl; substituted and unsubstituted heterocyclic rings; or R<sub>3</sub> and R<sub>4</sub> together form a portion of a carbocyclic or heterocyclic ring fused to the benzene ring, which rings, may be substituted, which comprises the steps of

(a) reacting a 2-naphthol-1-sulphonic acid of formula II.

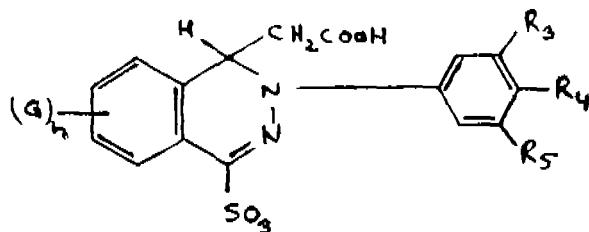


or a salt thereof, with a compound of formula III.



in which Y is the anion of a mineral acid, (b) treating the product from (a) with a mild base, (c) treating the product from (b) with an alkali metal hydroxide, followed by addi-

tion of acid to make the mixture acidic to give a compound of formula IV.



which is then separated, (d) treating the product from (c) with an aqueous acid or an alcoholic acid to hydrolyse the sulphonate group to a hydroxy group.

CLASS 69D. I.C.-H01h 36/00. 140386

AN ELECTROMAGNETICALLY OPERABLE SWITCH ARRANGEMENT.

*Applicant* : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

*Inventor* : GUNTHER WELSSBERGER.

Application No. 436/Cal/75 filed March 6, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims

An electromagnetically operable switch arrangement comprising a support, first and second magnetic parts and a coil the energisation of which coil can be controlled to operate the switching arrangement by causing movement of the first magnetic part in dependence upon electro-magnetic force between the first and second magnetic parts, the second magnetic part being resiliently secured to the support, to restrain movement of the second magnetic part by such force, by a resilient closed loop in such a way that at least two separate surface portions of the loop bear on respective spaced regions of the second magnetic part and at least two further separate surface portions of the loop bear on respective spaced regions of the support.

CLASS 32F.+F2b & 60X.d. I.C.-C07d 22/22. 140387

PROCESS FOR THE PREPARATION OF AROYL-SUBSTITUTED PYRROLES.

*Applicant* : MCNEIL LABORATORIES, INCORPORATED, AT 110 CAMP HILL ROAD, FORT WASHINGTON, PENNSYLVANIA, U.S.A.

*Inventor* : JOHN ROBERT CARSON.

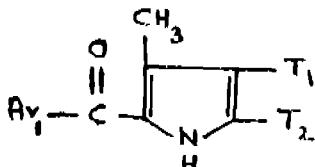
Application No. 491/Cal/75 filed March 13, 1975.

Division of Application No. 116819 filed July 17, 1968.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

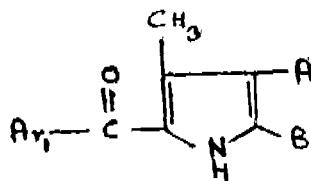
6 Claims

A process for preparing novel 5-aryl-pyrrole-2- or 3-carboxylic acids and carboxylic acid derivatives of the general formula (Ia).



wherein  $T_1$  and  $T_2$  each represents H or  $CH_2R_a$  wherein  $R_a$  is as defined hereinafter with the proviso that  $T_1$  and  $T_2$  are not the same and therapeutically useful salts of the corresponding carboxylic acids, wherein  $Ar_1$  is a phenyl group or phenyl substituted by one or more of the following substituents :

halogen, lower alkyl and lower alkoxy, and  $R_a$  represents a member selected from the group consisting of  $COOH$ ,  $COO$  (lower alkyl),  $CONH_2$ ,  $CONH$  (lower alkyl) and  $CON$  (lower alkyl), characterized by decarboxylating a compound of the general formula 2a.



wherein A and B each represents  $COOH$  or  $CH_2R_a$  wherein  $R_a$  is as defined before with the proviso that A and B are not the same and  $Ar_1$  is as defined before followed by, if desired converting compound of formula 1a wherein  $R_a$  in  $T_1$  or  $T_2$  is other than  $COOH$  into a corresponding acid by a hydrolysis in a conventional manner, whereafter the acid obtained is converted into a compound in a conventional manner by treating the same with a lower alcohol or lower alkylamide, the therapeutically useful salts being prepared in a conventional manner.

CLASS 32C & 55E. I.C.-C07g 7/026, A2 3T 1/06.

140388

PROCESS FOR ISOLATING ALBUMIN FROM BLOOD.

*Applicant & Inventor* : DR. WALDEMAR SCHNEIDER, OF FEITHSTRASSE 180, 58 HAGEN, WEST GERMANY, DR. CHRISTIAN FROHLICH, OF FEITHSTRASSE 180, 58 HAGEN, WEST GERMANY, DR. HARALD FIEDLER, OF 44, MUNSTER, SPERLICHSTRASSE 15, WEST GERMANY AND DR. HANS LEFEVRE, OF SPERLICHSTRASSE 15, 44, MUNSTER, WEST GERMANY.

Application No. 691/Cal/75 filed April 7, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process for isolating albumin from blood, blood products, other liquids and tissue extracts comprising the steps of separating the plasma from the solid constituents of blood (blood cells and blood platelets), precipitating the globulins and enriching the albumin contained in the residual fluid, which process is characterized in that the precipitation of the globulins is effected by heating of the separated liquid between temperatures of  $60^\circ$  and  $75^\circ C$  in the presence of alcohols having the composition  $CH_3(CH_2)_nOH$ , with  $n$  being 0, 1 or 2, and albumin stabilizers such as herein described, and thereafter separating the fluid from globulins.

CLASS 136A. I.C.-B28b 1/14. 140389

IMPROVEMENTS RELATING TO THE CASTING OF ARTICLES CONTAINING CALCINED GYPSUM.

*Applicant & Inventor* : JAMES NEVILLE LOWE, OF QUARRY HILL HOUSE, 48, GATTON ROAD, REIGATE, SURREY, ENGLAND, AND BYRON CALVIN GREBE, OF 3981, GLENDALE DRIVE, MEMPHIS, TENNESSEE 38128, UNITED STATES OF AMERICA.

Application No. 1251/Cal/75 filed June 25, 1975.

Convention date August 7, 1974/(34831/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims

A method of casting an article comprising the steps of mixing a composition comprising a binding agent containing, by weight, from 90% to 10% calcined gypsum and from 10% to 90% Portland cement with water to produce a fluid mixture, either the water or the components of the composition or both being heated so that the mixture has a

temperature of from 70° to 130°F, pouring the fluid mixture into a mould, form, or other supporting device, where the reaction of the calcined gypsum and the water causes the mixture to set, and the heat of the reaction causes the temperature of the mixture to begin to rise, removing the mixture from the supporting device after the mixture has set sufficiently to be self supporting and controlling the dissipation of both heat and moisture from the set mixture so that the temperature of the set mixture rises to from 90° to 180°F and the temperature and moisture content of the mixture is maintained for a period of at least two hours to cure the cement.

CLASS 92C & 1972C, I.C.-D01b 1/22, 1/24,  
D01g 9/06, 15/00. 140390

IMPROVEMENTS IN OR RELATING TO MACHINERY FOR THE SIMULTANEOUS PRODUCTION OF BRISTLE AND MATTRESS FIBERS FROM GREEN AND/OR DRY COCONUT HUSKS.

*Applicant* : BHARAT MOTORS, 35, MOUNT ROAD, MADRAS-600002, TAMIL NADU, INDIA.

*Inventors* : SRI NARAYANASWAMY RAMACHANDRA IYER.

Application No. 127/Mas/73 filed September 25, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

#### 7 Claims

Machinery for the simultaneous production of bristle and mattress fibres from green and/or dry coconut husks comprising (i) a crusher for crushing green and/or dry coconut husks comprising a pair of large spiked rollers between which the dry and/or green husks pass and are crushed, and three fluted rollers between which the said husks pass thereafter, and are further crushed, one of the spiked rollers and one of the fluted rollers being spring-loaded and fitted respectively to the lower ends of rocker arms, the upper ends of the said rocker arms being pivotably hinged and one of the said fluted rollers being in mesh with the other two fluted rollers; (ii) de-fibering means for squeezing and combing the crushed husks coming out of the crusher and producing therefrom long bristle and short mattress fibres simultaneously; (iii) a sieve or revolving screener for separating the pith adhering to the fibres coming out of the de-fibering means; (iv) a turbo cleaner for cleaning the fibres coming out of the sieve or revolving screener, by disintegration; and (v) a hydraulic press for pressing the fibres, coming out of the turbo cleaner, into bales for economic transport or storage.

CLASS 99F, I.C.-G03C 3/00. 140391

A STACKABLE FILM HOLDER FOR PRESSURE AND LIGHT SENSITIVE MATERIALS MADE OF MOLDED THERMOPLASTICS.

*Applicant* : VEB FOTOCHEMISCHE WERKE BERLIN, 117, BERLIN, FRIEDRICHSHAGENER STRASSE 9, GERMAN DEMOCRATIC REPUBLIC.

*Inventors* : DIETRICH ROESE, (2) KLAUS LUTZKENDORF (3) LEONHARD BURCZYK AND WOLFGANG TAUBE.

Application No. 1084/Cal/73 filed May 8, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A stackable container having one cup shaped bottom member and a hollow ribbed lid member for packing pressure sensitive materials, possibly in addition light sensitive materials, especially sheets of photographic film, preferably made of moulded thermoplastics, characterized in that, at the junctions between the side walls (5) and the bottom of the lower part (2) and also at corresponding points on the upper part or lid, corrugations are provided and the height of the corrugations (3) in the lid is such that when one container is placed over the other, the corrugations (8) of the lower part rest on the corrugations (3) of the lid and the upper surface (6) of the lid does not touch the lower surface (7) of the lower part.

CLASS 136C+E. & 154A I.C.-B41b 1/04, B29d 23/02. 140392

#### PROCESS OF MANUFACTURING QUOTATION FOR PRINTING PRESS.

*Applicant & Inventor* : OM PRAKASH GANERIWALA, 255, RABINDRA SARANI, CALCUTTA-7, WEST BENGAL, INDIA.

Application No. 1175/Cal/75 filed June 16, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

A process of manufacturing quotation in the shape of a hollow cube with one side open used for spacing of words in printing press wherein the said quotation is prepared from high impact polystyrene as herein defined, the said process comprising the steps of selecting a moulding powder of high impact polystyrene, injecting said powder into a nozzle maintained at 160° to 165°C. so as to melt the said powder, causing the molten material to enter a mould and keeping said material inside the mould for a period of 2 to 5 minutes so as to form the moulded quotation and finally withdrawing the moulded quotation from the said mould.

CLASS 32E & 152F, I.C.-C08h 5/04, C08g 37/06, C08h 11/00. 140393

#### A NEW METHOD OF MAKING THERMOSETTING PHENOLIC MOULDING POWDER.

*Applicant* : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (RAFI MARG, NEW DELHI-1, INDIA).

*Inventors* : DULESWAR MAHANTA, AZIZUR RAHMAN, BANI PRASAD CHALIHA AND MADHUR SRINIVAS IYENGAR.

Application No. 641/Cal/73 filed March 22, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims. No drawings.

A process for manufacturing thermosetting phenolic moulding powder using lignocellulosic material which is characterised in that the said ligno-cellulosic material is comminuted to a particle size to pass through 40 mesh B.S.S., intimately mixing the material with sulfuric acid, hydrochloric acid or any hydrolysing agent and a phenolic compound and then heating the acid-phenol-dust mixture at a temperature of 170–200°C for a period of 2-4 hours, mixing filler, hexamine, powdered calcium oxide and magnesium stearate and then passing the mixture through a roll mill at 100–120°C.

CLASS 34A & 152E, I.C.-C08f 29/18. 140394

#### A PROCESS FOR THE MANUFACTURE OF SEMI-RIGID POLYVINYL CHLORIDE GRANULAR COMPOSITION.

*Applicant* : EAST ANGLIA PLASTICS (INDIA) LIMITED, OF 3, CAMAC STREET, CALCUTTA-16, WEST BENGAL, INDIA.

*Inventors* : UMA KALI CHOWDHURY.

Application No. 2004/Cal/73 filed August 31, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims. No drawings

A process for the manufacture of semi-rigid polyvinyl chloride granular composition as herein described with comprises intimately mixing the following ingredients in the following proportions :—

Polyvinyl chloride	..	80.300	Parts by wt. of the composition
Di-octyl phthalate	..	12.850	"
White Lead Paste	..	6.425	"
Calcium stearate	..	0.200	"
Stearic Acid	..	0.400	"
Di-basic Lead Phosphate	..	0.500	"

into a homogenous mass at a temperature of 70–80°C which turns out into mat form by allowing the said mass to pass through a rolling mill, cutting the latter into strips, cooling the strips and finally granulating, in known manner, the strips into granules of uniform size.

CLASS 126A. I.C.-G01M 3/00.

140395

## A LEAK DETECTOR UNIT.

*Applicant* : THE CROSS COMPANY, OF 17801 FOURTEEN MILE ROAD, FRASER, MICHIGAN, UNITED STATES OF AMERICA.

*Inventors* : JAMES TAYLOR WESTERVELT AND PHILIP EDWARD SWIS.

Application No. 2507/Cal/73 filed November 14, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 23 Claims

A leak detector unit including means for rapidly prefilling a workpiece for a predetermined time, means maintaining a test pressure after pre-filling has been accomplished, a flowmeter detecting the flow rate to said workpiece while maintaining said test pressure, said pre-filling means including a fill regulator, a fill and test sequence valve connected between said fill regulator and flowmeter and said workpiece, an adjustable fill timer moving said valve from a first position connecting said fill regulator to said workpiece to a second position connecting said flowmeter to said workpiece, a fill, test and vent sequence valve between said fill and test sequence valve and said workpiece, and an adjustable test timer activatable by said fill timer for shifting said fill, test and vent sequence valve from a first position connecting said fill and test sequence valve to said workpiece to a second position venting said workpiece, whereby said workpiece will be pre-filled until said fill timer shifts the fill and test sequence valve and will thereafter be tested until said test timer shifts the fill, test and vent sequence valve.

CLASS 104F &amp; 139A. I.C.-C08C 11/18, C08h 17/08.

140396

## A PROCESS FOR PREPARING RUBBER COMPOSITIONS CONTAINING CARBON BLACK PIGMENTS.

*Applicant* : CABOT CORPORATION, OF 125 HIGH STREET, BOSTON, MASSACHUSETTS, UNITED STATES OF AMERICA.

*Inventors* : MERRILL EDMUND JORDAN, WILLIAM GERALD BURBINE AND FRANK RICHARD WILLIAMS.

Application No. 2528/Cal/73 filed November 16, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims. No drawings

A composition of matter comprising a rubber selected from the group consisting of natural and synthetic rubbers and a carbon black product selected from the group consisting of furnace-type carbon black products characterized by having a value for the tint factor relationship of  $[\text{tint} + 0.6 (D_a)]$ , wherein  $D_a$  is apparent diameter, of at least 311 to 316, a value for the tint contribution ratio of tint to tint factor of at least 0.75 to 0.82, a pH value of at least 4, an iodine surface area of at least 67 to about 145m<sup>2</sup>/g and a value for the BET total surface area of less than 160m<sup>2</sup>/g, wherein the carbon black product is present in amounts of from about 10 to about 250 parts by weight per 100 parts by weight of rubber.

CLASS 14D<sub>2</sub>. I.C.-H01M 15/00.

140397

## A PRIMARY GALVANIC CELL.

*Applicant* : VARTA BATTERIE AKTIENGESELLSCHAFT, OF STOCKENER STR. 351, 3000 HANNOVER, WEST GERMANY.

*Inventors* : DIPL.-CHEM. GERD JUNG AND CHEM.-ING. JAKOB BAUER.

Application No. 366/Cal/74 filed February 21, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 15 Claims. No drawings.

A primary galvanic cell having an acid or neutral electrolyte containing, as a corrosion inhibitor, a polyethylene glycol monoalkyl ether.

CLASS 163D. I.C.-F01C 1/00.

140398

## IMPROVED ROTARY ENGINE.

*Applicant* : THE BROKEN HILL PROPRIETARY COMPANY LIMITED, OF 140 WILLIAM STREET, MELBOURNE, STATE OF VICTORIA, COMMONWEALTH OF AUSTRALIA.

*Inventor* : DOMINICUS ADRIANUS JOHANNES SWINKELS.

Application No. 418/Cal/74 filed February 28, 1974.

Convention date March 1, 1973 / (PB2450/73) AUSTRALIA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims

An engine comprising a housing including an internal peripheral wall and opposed end walls, a shaft rotatably supported in the housing a piston member journaled eccentrically on said shaft to describe an orbital path within the housing upon relative rotation between the shaft and housing, the piston member defining with the peripheral wall and end walls of the housing a working cavity a plurality of vanes disposed radially to the shaft axis and supported in the housing for reciprocal movement radially with respect to the shaft axis, said vanes being mechanically controlled between parallel surfaces to prevent radial movement of the vanes relative to said parallel surfaces while allowing lateral movement of the vanes along said surfaces, one set of said controlling surfaces being located on the periphery of the orbiting piston member, the other set being located on vane controlling member or members located outside the working cavity to describe an orbital path about the shaft axis as the piston orbits, sealing means operatively disposed between each vane and the piston member, the housing peripheral wall and the housing end walls to divide the working cavity into a plurality of chambers, the volume of each chamber varying as the piston member orbits, and means to regulate the admission to and exhausting from each chamber in sequence of a working fluid to induce orbiting of the piston member and the resultant relative rotation between the shaft and housing.

CLASS 136E &amp; 139A. I.C.-C01b 31/10.

140399

## PRODUCTION OF STRONG ACTIVE CARBON MOLDINGS.

*Applicant* : BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

*Inventors* : ALEX BURGER, HERMANN KAISER AND WERNER LUDOVICI.

Application No. 778/Cal/74 filed April 6, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 12 Claims

A process for the production of break-resistant and abrasion-resistant active carbons, in which a finely divided, carbon-containing starting material is moulded with a binder comprising a mixture of a phenol and an aldehyde and/or a condensation product thereof, the moulding is hardened, accompanied by elimination of volatile constituents, and the hardened moulding is activated at a temperature of from 700 to 1200°C with steam and/or carbon dioxide to produce the desired active carbons.

CLASS 32C. I.C.-C07g 7/00. 140400

A PROCESS FOR THE PREPARATION OF CLOTTABLE FIBRINOGEN FROM HUMAN OR BOVINE BLOOD PLASMA.

*Applicant* : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

*Inventors* : KRISHNA CHANDRA SAXENA, KUMARI ARUNA TANDON, RAM PRAKASH SAXENA AND KESHAR RAM.

Application No. 1328/Cal/74 filed June 17, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A process for isolating 80–90% clottable fibrinogen from human or bovine blood plasma comprises treating the blood plasma with 20–40% by weight of freshly prepared barium sulphate to remove prothrombin present in it, treating the prothrombin free plasma with 4–5% by volume of aged calcium phosphate gel to remove plasmin therefrom, precipitating the fibrinogen from prothrombin and plasmin free blood plasma by treating it with 8–10% ethanol at a temperature in between –5 to –10°C and a pH in between 7.0–7.4 and purifying the product so obtained by dissolving it in 0.85–1.7% sodium chloride solution, containing 3.5–4.0% sodium citrate and precipitating therefrom 80–90% pure fibrinogen by treating the solution 8–10% ethanol at a temperature in between –5 to –10°C and a pH in between 7.0–7.4.

CLASS 40F & 61A. I.C.-B01d 1/14. 140401

A PROCESS FOR CONTINUOUS DRYING OF CHEMICAL PRODUCTS BY MILLING-FLUIDISATION.

*Applicant* : RICHTER GEDEON VEGYESZETI GYAR R.T. OF GYOMROI UT 19–21, BUDAPEST X, HUNGARY AND MAGYAR TUDOMANYOS AKADEMIA MUSZAKI KEMIAI KUTATO INTEZETE, OF SCHONBERZ Z. U 10, VESZPREM, HUNGARY.

*Inventors* : DR. ZOLTAN ORMOS, DR. BELA CSUKAS, BELA STEFKO, DR. KAROLY PATAKI, DR. TIBOR BLICKLE AND JOZSEF FELMERI.

Application No. 2737/Cal/74 filed December 12, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for continuously drying chemical products by milling fluidization wherein the material(s) is/are introduced in a wet solid state or as a paste or as a suspension and is/are contacted in a fluidized layer with gas(es) or vapour(s) and which may in given cases be mechanically stirred or vibrated, characterized in that the wet solid, or paste-like or suspended materials are introduced by the gas or vapour into a fluidized layer of the particles of an inert charge (carrier) while the particles of the material which distributed themselves over the surface of the carrier and which, when dry, have been removed by the gas or vapour stream from the fluidized layer, are if necessary after-dried, and then collected.

CLASS 153. I.C.-B24b 53/10. 140402

POLISHING HANDKERCHIEF.

*Applicant & Inventor* : PRAKASH CHAND SINGH, C/O. PRAKASH BROTHERS, A 9/100 TELIA NALA, (RAJGHAT), VARANASI 1, U.P. INDIA.

Application No. 874/Cal/76 filed May 20, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings

A polishing handkerchief for metal, Ivory, plastic or plated articles in which one side of the handkerchief is coated with

polishing composition for abrading, while the other side having no coating is for bringing out the polished surface shining by wiping off the article.

140403

CLASS 66B, 113-I & 159-J. I.C.-F21L 11/00, H01K 7/00. SIGNAL LAMP FOR USE BY THE TRAIN GUARDS.

*Applicant & Inventor* : KISHOR CHANDRA KOTHARI, OF 96-A, CHITTARANJAN AVENUE, CALCUTTA-12, WEST BENGAL, INDIA.

Application No. 175/Cal/74 filed January 25, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A signal lamp for use by the train guards comprising a main housing preferably of cylindrical shape and a handle secured to the said housing to form a substantially T-shaped construction, one end of the said housing having a first bulb and a reflector with red glass at one end and an independent reflector and a second bulb with green glass at the opposite end, characterised by that, the handle accommodates the electrical connections from a battery unit and two switching means for the respective bulbs are mounted on the handle for the green and red lights respectively and an additional housing is fitted on the handle, said housing having a third bulb with a white glass and a separate switch on the said handle for lightning the said third bulb.

CLASS 172D. I.C.-D01h 7/04. 140404

TEXTILE SPINDLE.

*Applicant* : SPINDEL-, MOTOREN-UND MASCHINENFABRIK A.G., OF USTER, SWITZERLAND.

*Inventor* : DIETER WIDMER.

Application No. 1567/Cal/73 filed July 5, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A textile spindle comprising a housing, a spindle shaft, two bearings arranged in spaced relationship from one another for mounting the spindle shaft in overhung fashion in the spindle housing, said spindle shaft in overhung fashion in the spindle housing, said spindle shaft having a free end, a whirl carried by the free end of the spindle shaft, and a dampening mechanism for damping vibrations in the spindle shaft and situated between the bearings at the region of maximum bending or transverse oscillation deflection of the spindle shaft wherein said dampening mechanism comprises a spiral spring which is flexible in the radial direction of the shaft and which is situated between the spindle shaft and the spindle housing, and wherein means for retaining the spiral spring axially of the shaft are provided.

CLASS 25A+B. I.C.-F27d 1/04. 140405

PROCESS FOR MANUFACTURE OF UNBURNT SILICA BRICKS.

*Applicant & Inventor* : SHYAM SUNDAR GHOSE, C/O. M/S. BELPAHAR REFRactories LTD., P.O. BELPAHAR, S.E. RLY., ORISSA, INDIA.

Application No. 1953/Cal/74 filed August 30, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings

Process for manufacture of unburnt silica bricks which consists in mixing quartzite or quartzite and silica burnt breakage, with fireclay and/or bentonite and mineralizers such as herein described and a chemical bonding agent such as herein described, moulding the material so obtained into shapes, and drying above 110°C and preferably between 250–450°C.

CLASS 39C. I.C.-C01C 1/28. 140406

PROCESS FOR PREPARING A HYDROXYLAMMONIUM SALT SOLUTION.

Applicant: STAMICARBON B. V., OF P.O. BOX 10, GELEEN, THE NETHERLANDS.

Inventor: CORNELIS GERARDUS MARIA VAN DE MOESDIJK.

Application No. 1824/Cal/75 filed September 23, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings

A process for preparing a hydroxyl ammonium salt solution by catalytic reduction of nitrate ions with hydrogen in an acid medium in the presence of a catalyst consisting of or containing palladium, wherein the reaction is effected in the presence of an activator combination, the said combination comprising at least one element of the first group Gd, Ge, In and Sn, or a compound thereof, together with at least one element of the second group Sb, As, pb, Cu, Ag, S, Se, Te, Ti, Hg and Bi or a compound thereof, the said combination excluding the combination Cu, In, Ge and As.

## OPPOSITION PROCEEDINGS

An opposition has been entered by Kirloskar Oil Engines Limited to the grant of a Patent on application No. 139856 made by Taru Motors.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

102501 102577 102587 102684 103311 103443 103669 103671  
 103779 103820 103885 103889 103937 103940 103942 103945  
 103948 103952 103998 104087 104102 104106 104160 104203  
 104406 104477 104494 104518 104624 104641 104759 105046  
 105086, 105147 105148 105230 105335 105426 105499 105538  
 105728 105879 105932 105995 106044 106058 106236 106416  
 106784 106797 106800 107156 107289 107308 107324 107375  
 107430 107490 107491 107551 107560 108020 108050 108215  
 108229 108453 108495 108920.

## PATENTS SEALED

76389 126879 127396 138042 138247 138251 138254 138261  
 138264 138301 138406 138407 138408 138409 138411 138414  
 138417 138418 138420 138431 138432 138433 138436 138437  
 138439 138441 138448 138466 138467 138478 138514.

CORRECTION OF CLERICAL ERRORS  
UNDER SECTION 78(3)

An error in the penultimate paragraph of application for patent No. 137880 (formerly numbered 77/MAS/1973) has been corrected by deleting the prayer for according it an earlier date under the provisions of the Explanation to Section 16 of the Patents Act, 1970, under sub-section (3) of Section 78 of the said Act.

## AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Hoechst Aktiengesellschaft (formerly known as Farbwereke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning) of 6230 Frankfurt/Main 80, (formerly of 45, Bruningstrasse, Frankfurt/Main), Federal Republic of Germany, Chemical Manufacturers, a corporation organised under the laws of the Federal Republic of Germany

have made an application under Section 57 of the Patents Act, 1970 for amendment of the specification of their application for patent No. 139504 for "Process for the manufacture of benzenesulfonyl-Ureas." The amendments are by way of substitution and deletion of a few words in description of the invention in the specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

## RENEWAL FEES PAID

78691 79077 83669 84567 84628 84728 84778 84831 84870  
 85234 86852 90031 90068 90127 90148 90230 90232 90233  
 90247 90307 90335 90336 90512 90541 90685 91027 91076  
 92305 95899 96273 96638 96947 101892 101897 101906  
 101910 102076 102216 102228 102229 102267 102292 102520  
 102885 103122 103123 106468 107306 107327 107425 107523  
 107560 107672 108175 108214 108450 108812 109723 112663  
 112688 112689 112824 112910 112999 113075 113098 113099  
 113100 113513 113573 114224 114522 116055 118004 118005  
 118009 118028 118031 118056 118074 118076 118184 118201  
 118248 118365 118501 118510 118620 118635 118686 118849  
 119115 123330 123331 123520 123580 123764 123802 123918  
 124037 124085 124222 124276 124517 125010 125615 128072  
 128468 128474 128700 128711 128721 128873 128900 128904  
 128905 128907 128951 129022 129264 129273 129403 129541  
 130060 130380 133037 133071 133100 133104 133244 133301  
 133346 133355 133408 133560 133576 133695 133853 134905  
 135110 135527 135528 135943 135975 136038 136143 136216  
 136448 136942 136981 137027 137030 137078 137090 137114  
 137375 137415 137999 138005 138587 138716 138809.

## RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 99654 dated 22nd May, 1965 made by Council of Scientific and Industrial Research on the 6th April, 1976, and notified in the Gazette of India, Part-III, Section-2 dated 22nd May, 1976 has been allowed and the said patent restored.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Nil

## COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS

Design Nos. 138883, 138884, 139438, 139953 . . . . . Class 1.  
 Design Nos. 141398, 140051, 140215, 140909 . . . . . Class 3.

## COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design Nos. 138883, 138884 . . . . . Class 1.  
 Design Nos. 138721 & 141398 . . . . . Class 3.

S. VEDARAMAN  
Controller-General of Patents, Designs  
and Trade Marks

